

CLAIMS

What is claimed is:

1. A cargo adapted aircraft, comprising:

a canard having two and only two significant horizontal lifting surfaces, with a
smaller lifting surface (canard surface) in front of a larger lifting surface (wing); and
a large opening at the rear of the fuselage through which objects can be loaded, the
opening having a door-type closure for flight.

2. The aircraft of claim 1 including yaw control surfaces on the wing.

3. The aircraft of claim 1 having no empennage.

4. The aircraft of claim 2 having no empennage.

5. The aircraft of claims 1, 2, 3 or 4 wherein the aircraft is a light personal aircraft.

6. The aircraft of claims 1, 2, 3 or 4 wherein the aircraft is a personal aircraft.

7. The aircraft of claims 1, 2, 3 or 4 that includes one tractor engine.

8. The aircraft of claims 1, 2, 3 or 4 that includes two wing located engines.

9. The aircraft of claims 1 or 2 without a boom-supported empennage.

10. The aircraft of claims 1 or 2 including a pitch control surface on the smaller horizontal
lifting surface (canard surface).

11. A cargo-adapted personal aircraft, comprising:

a canard having two significant horizontal lifting surfaces with a smaller lifting
surface (canard surface) in front of a larger lifting surface (wing);
a large opening at the rear of the fuselage through which objects can be loaded;
and
having no empennage.